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PHOTOGRAPHIC INTERPRETATION REPORT

SUMMARY



BLUE SPRINGS MISSION 5513

10 MAY 1966

NPIC/R-187/66

JUNE 1966

Declass Review by NIMA/DoD

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GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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WARNING

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## PREFACE

This summary report contains additional information on "new" and "change" targets and order of battle information on all targets listed in the index (MI) for this mission.

Items are arranged in sections.

The "New" section provides a description of targets newly identified or known but reported for the first time by NPIC.

The "Change" section provides a description of previously reported installations showing a major change, or those where an analysis of current photography furnishes more precise information.

The "Order of Battle" section provides information on targets where order of battle can be identified.

When there are no "New" or "Change" targets, or order of battle information, the appropriate section is omitted.

"New" and "change" targets are arranged 1) by country, 2) within the country according to subject, 3) within the subject by WAC area, and 4) within the WAC area by geographic coordinates in ascending order. Order of battle information is arranged 1) by subject, 2) within the subject according to country, 3) within the country by WAC area, and 4) within the WAC area by geographic coordinates in ascending order.

Map base used for derivation of coordinates is the best available among these series: US Air Target Chart, Series 200; AMS; ONC; or DIA JOG, 1:250,000.

The header line for each target contains, reading from left to right, the target name, the geographic coordinates,

the World Aeronautical Chart number, the Bombing Encyclopedia (BE) number, and the NPIC target number.

The COMOR target number, when available, appears above the photo reference data.

Photo reference data includes frame numbers and symbols denoting limiting conditions, photo interpretability, target coverage, and the mode.

Symbols for limiting conditions affecting photography are C (Clear), SC (Scattered Cloud Cover), HC (Heavy Cloud Cover), H (Haze), CS (Cloud Shadow), S (Snow), O (Obliquity), SD (Semidarkness), GC (Ground Cover), CF (Camouflage), and GR (Ground Resolution).

Interpretability of the photography is categorized as G (Good), F (Fair), and P (Poor). Target coverage is denoted by the symbols T (Total) or PT (Partial). The mode of coverage is indicated by ST (Stereo), NS (Non-Stereo), or PS (Partial Stereo).

When appropriate, an index follows "new" and "change" targets and another follows order of battle information, with targets in each index arranged alphabetically within a country.

AAA defenses are divided into three categories: light (ZPU-1, ZPU-2, ZPU-4, 37 mm), medium (57 mm, 85mm), and heavy (100 mm and larger). The term HMGAA (heavy machine gun antiaircraft) indicates a weapon smaller than a ZPU-1. Where a category cannot be determined, the site will be listed as an AAA site and the number of guns indicated (example: 6-gun AAA site, occupied/unoccupied).

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THIS SECTION PROVIDES A DESCRIPTION OF NEW TARGETS.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p><b>-NORTH VIETNAM-</b></p> <p><b>MISSILES</b></p> <p>HA NOI FIELD DEPLOYED PROB SAM SITE</p> <p>30 NM NE OF HA NOI AT UTM XJ363522. SITE (NO 108) CONSISTS OF 3 UNREVIEWED LAUNCH POSITIONS AND AN UNREVIEWED CENTRAL GUIDANCE AREA. (SEE ATTACHMENT 1)</p> <p>[REDACTED]</p>	2116N 10618E	0616		238-K
<p><b>MILITARY INSTALLATIONS</b></p> <p>PHUC YEN AIRFIELD BARRACKS</p> <p>4.3 NM NORTH OF PHUC YEN AIRFIELD AT UTM WJ852532. AREA CONSISTS OF 7 TWO-STORY BARRACKS, 7 SINGLE-STORY BARRACKS, 1 Z-SHAPED ADMINI- STRATION, 1 AUDITORIUM, 6 SUPPORT, 2 MESS- HALL, AND 1 VEHICLE MAINTENANCE BUILDING. AREA IS IN LATE STAGE OF CONSTRUCTION AND IS CONNECTED BY ROAD TO THE NORTHERN AIR- CRAFT DISPERSAL AREA OF PHUC YEN AIRFIELD. ACTIVITY -- 2 MOBILE GENERATORS.</p> <p>[REDACTED]</p>	2116N 10549E	0616		326-I

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
MAT SON BARRACKS AREA 0.8 NM NE OF MAT SON ON NW SIDE OF ROUTE 18 AT UTM XJ446347. SECURED AREA, ADJACENT TO HAI PHONG SAM SITE C32-2, CONTAINS 8 BARRACKS, 1 ADMINI- STRATION, AND 5 SUPPORT BUILDINGS. [REDACTED]	2106N 10623E	0616		302-A1
ELECTRONICS/COMMUNICATIONS  HA NOI EW/GCI SITE 6.5 NM WSW OF HA NOI AT UTM WJ759219. SITE CONSISTS OF 1 TOKEN RADAR ON PAD, 1 ROCK CAKE/STONE CAKE RADAR, 4 REVETMENTS CONTAINING POSSIBLE VANS, AND 1 SUPPORT BUILDING. [REDACTED]	2059N 10544E	0616		256-I
STORAGE [REDACTED]				
LIEU DOANH POL STORAGE 1.4 NM ESE OF LIEU DOANH AT UTM XJ633053. AT LEAST NINETY 55-GAL-TYPE POL DRUMS OBSERVED ALONG A SECONDARY ROAD. [REDACTED]	2056N 10632E	0616		427-C

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
QUINH KHE POL STORAGE CENTER OF QUINH KHE AT UTM XJ547193. NUMEROUS 55-GAL-TYPE POL DRUMS OBSERVED UNDER TREES. [REDACTED]	2058N 10628E	0616		427-B1
THUONG CAT POL STORAGE 1.4 NM EAST OF THUONG CAT AT UTM WJ788319. TWENTY-SIX LARGE POL TANKS ARE STORED IN A SMALL BOATYARD. [REDACTED]	2105N 10545E	0616		112-Q1
MISCELLANEOUS VINH DAI VEHICLE DISPERSAL AREA IMMEDIATELY SW OF VINH DAI AT UTM XJ467340. AREA CONSISTS OF 24 VEHICLE REVETMENTS AND 1 BUNKER. [REDACTED]	2106N 10624E	0616		302-A2

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THIS SECTION PROVIDES A DESCRIPTION OF PREVIOUSLY REPORTED TARGETS SHOWING CHANGE.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>MISSILES</p> <p>HAI PHONG SAM SUPPORT FACILITY 6.2 NM WSW OF HAI PHONG AT UTM XJ651026. FACILITY CONTAINS 5 CAMOUFLAGED DRIVE-THROUGH BUILDINGS (4 WITH DUAL DRIVE-THROUGH CAPABILITY), 3 VEHICLE/EQUIPMENT STORAGE BUILDINGS, 7 STORAGE/SUPPORT BUILDINGS, 1 SMALL REVETTED BUILDING, AND 5 BUILDINGS UNDER CONSTRUCTION. ACTIVITY -- 1 POSSIBLE HALF-TRACK, 1 TRAILER, AND 2 UNIDENTIFIED VEHICLES. (SEE ATTACHMENT 2)</p>	2050N 10635E	0616	25X1A	109-Z2
<p>BASIC SERVICES</p> <p>THAI NGUYEN RAIL LINE U/C RAIL LINE UNDER CONSTRUCTION OBSERVED FROM 21-28N 106-11E TO 21-31N 106-07E. THE RAIL BED IS IN LATE STAGE OF CONSTRUCTION WITH THE MAJOR PORTION OF THE GRADING COMPLETED. TWO BRIDGES WITH CONCRETE ABUTMENTS AND EACH WITH 2 CONCRETE PIERS ARE IN LATE STAGE OF CONSTRUCTION AT UTM XJ214759 AND XJ170788. BRIDGES WILL BE 3-SPAN WHEN COMPLETE. AT LEAST 20 CULVERTS/SMALL BRIDGES ARE COMPLETE AND 9 ARE UNDER CONSTRUCTION.</p>	2135N 10557E	0616		242-L

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
HA NOI/PING-HSING RR SEGMENT 2 RAIL LINE OBSERVED FROM 21-22N 106-14E TO 21-19N 106-14E IS SERVICEABLE. PILES OF AGGREGATE, PROBABLE RAIL TIES, AND AT LEAST EIGHTY 55-GAL-TYPE POL DRUMS OBSERVED IMMEDIATELY NORTH OF RAILYARD. ACTIVITY -- TRAIN HEADING SSW IN PHU XUYEN RAILYARD AT UTM XJ303598 CONSISTS OF 2 STEAM LOCOMOTIVES AND 5 PASSENGER, 9 BOX, AND 3 TANK CARS. TRAIN IMMEDIATELY SOUTH OF RAILYARD CONSISTS OF 1 PROBABLE DIESEL LOCOMOTIVE AND 1 PASSENGER, 1 BOX, 1 FLAT, AND 7 GONDOLA CARS. A CARGO TRUCK IS BEING USED TO SHUTTLE 3 RAIL CARS ON A SIDING ADJACENT TO RAILYARD.	2132N 10627E	0616		211-A

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THIS SECTION PROVIDES ORDER OF BATTLE INFORMATION.

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Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
<p>-NORTH VIETNAM-</p> <p>AIR</p> <p>PHUC YEN AIRFIELD</p> <p>OB -- 2 BEAGLE, 1 PROBABLE BEAGLE, 10 FISHBED (2 PROBABLE C/E MODEL), 2 PROBABLE FISHBED, 1 POSSIBLE FISHBED, 10 FRESCO (2 PROBABLE C/E MODEL), 2 FAGOT, 6 FAGOT/FRESCO, 1 PROBABLE FAGOT/FRESCO, 1 POSSIBLE FAGOT/FRESCO, 2 MIDGET, AND 1 SMALL UNIDENTIFIED AIRCRAFT. ACTIVITY -- 11 FISHBED SHIPPING CRATES (AT LEAST 1 USED AS TOOL SHED), 2 FAGOT/FRESCO CRATES, 1 FISHBED COMPONENT PARTS CRATE, 4 FAGOT/FRESCO COMPONENT PARTS CRATES, 7 ZIL-150 TRUCKS (6 WITH ARMOR PLATING OVER CAB), 1 VAN TRUCK, 2 DUMP TRUCKS, 1 ROAD GRADER, 2 MOBILE GENERATORS, AND AT LEAST 20 AIRCRAFT EXTERNAL FUEL TANKS. (SEE ATTACHMENTS 3 AND 4)</p> <p>25X1A [REDACTED]</p> <p>25X1D [REDACTED]</p> <p>KEP AIRFIELD</p> <p>OB -- 1 UNIDENTIFIED AIRCRAFT.</p> <p>25X1A [REDACTED]</p> <p>25X1D [REDACTED]</p> <p>ELECTRONICS/COMMUNICATIONS</p> <p>HA NOI EW/GCI SITE</p> <p>OB -- 1 TOKEN RADAR ON PAD AND 1 ROCK CAKE/STONE CAKE RADAR. ACTIVITY -- 4 REVETMENTS CONTAINING POSSIBLE VANS.</p> <p>25X1 [REDACTED]</p> <p>25X1 [REDACTED]</p>	2113N 10548E	0616	25X1A	326-C
	2124N 10616E	0616	25X1A	211
	2059N 10544E	0616		256-I

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25X1D

25X1

25X1A

25X1D

25X1

Target	Coordinates	WAC	Target Numbers	
			BE	NPIC
PHUC YEN EW/GCI SITE OB -- 1 TOKEN, 2 ROCK CAKE/STONE CAKE, 1 BAR LOCK, AND 1 FISH NET RADAR. ACTIVITY -- 9 VAN TRAILERS AND 3 CARGO TRUCKS. MISCELLANEOUS	2112N 10548E	0616		326-F
HA NOI/PING-HSIANG RR SEGMENT 2 ACTIVITY -- TRAIN HEADING SSW IN PHU XUYEN RAILYARD CONSISTS OF 2 STEAM LOCOMOTIVES AND 5 PASSENGER, 9 BOX, AND 3 TANK CARS. TRAIN IMMEDIATELY SOUTH OF RAILYARD CONSISTS OF 1 PROBABLE DIESEL LOCOMOTIVE AND 1 PASS- ENGER, 1 BOX, 1 FLAT, AND 7 GONDOLA CARS. A CARGO TRUCK IS BEING USED TO SHUTTLE 3 RAIL CARS ON A SIDING ADJACENT TO RAILYARD.				
	2132N 10627E	0616		211-A

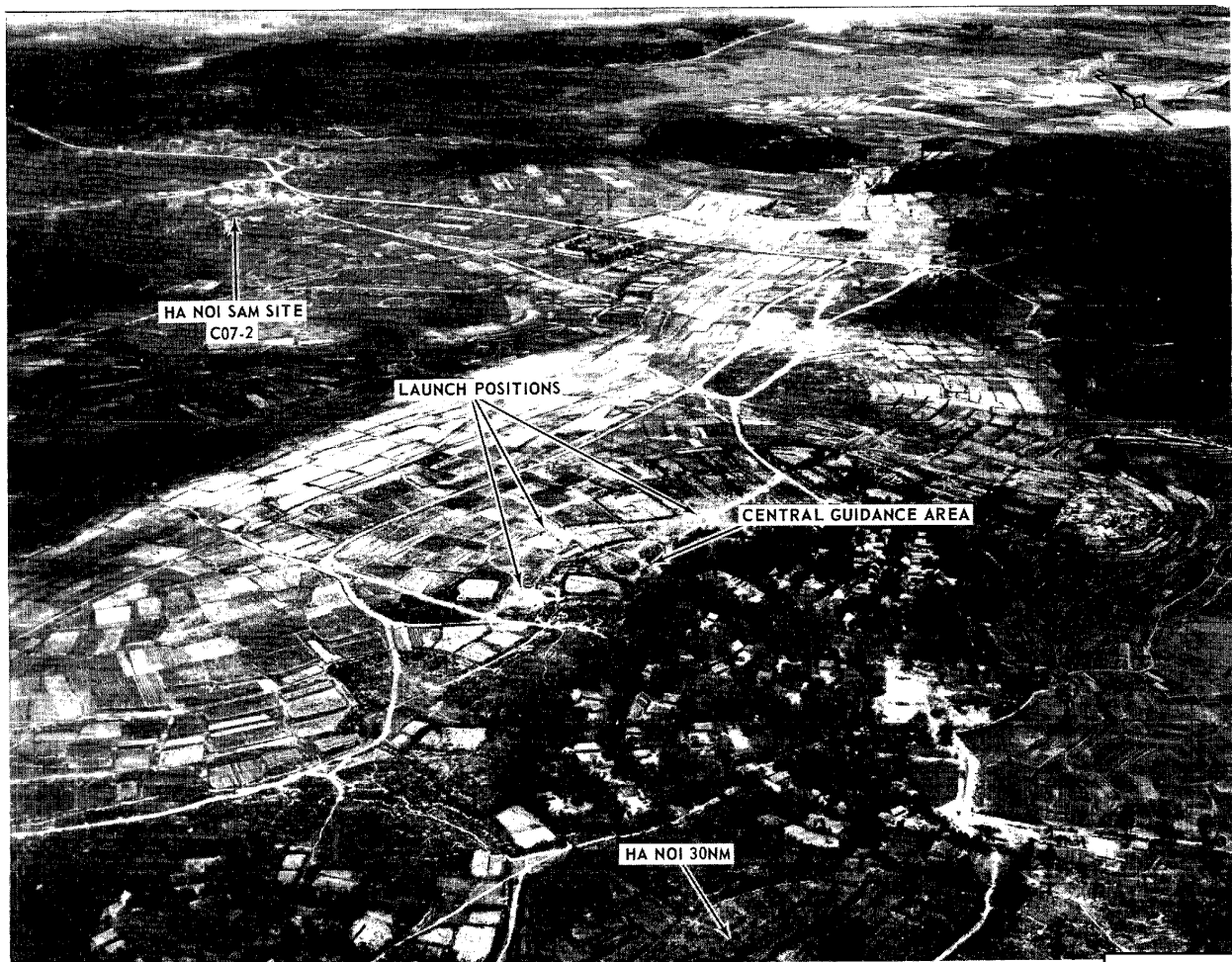
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ATTACHMENT 1



HA NOI FIELD DEPLOYED PROBABLE SAM SITE, NORTH VIETNAM.

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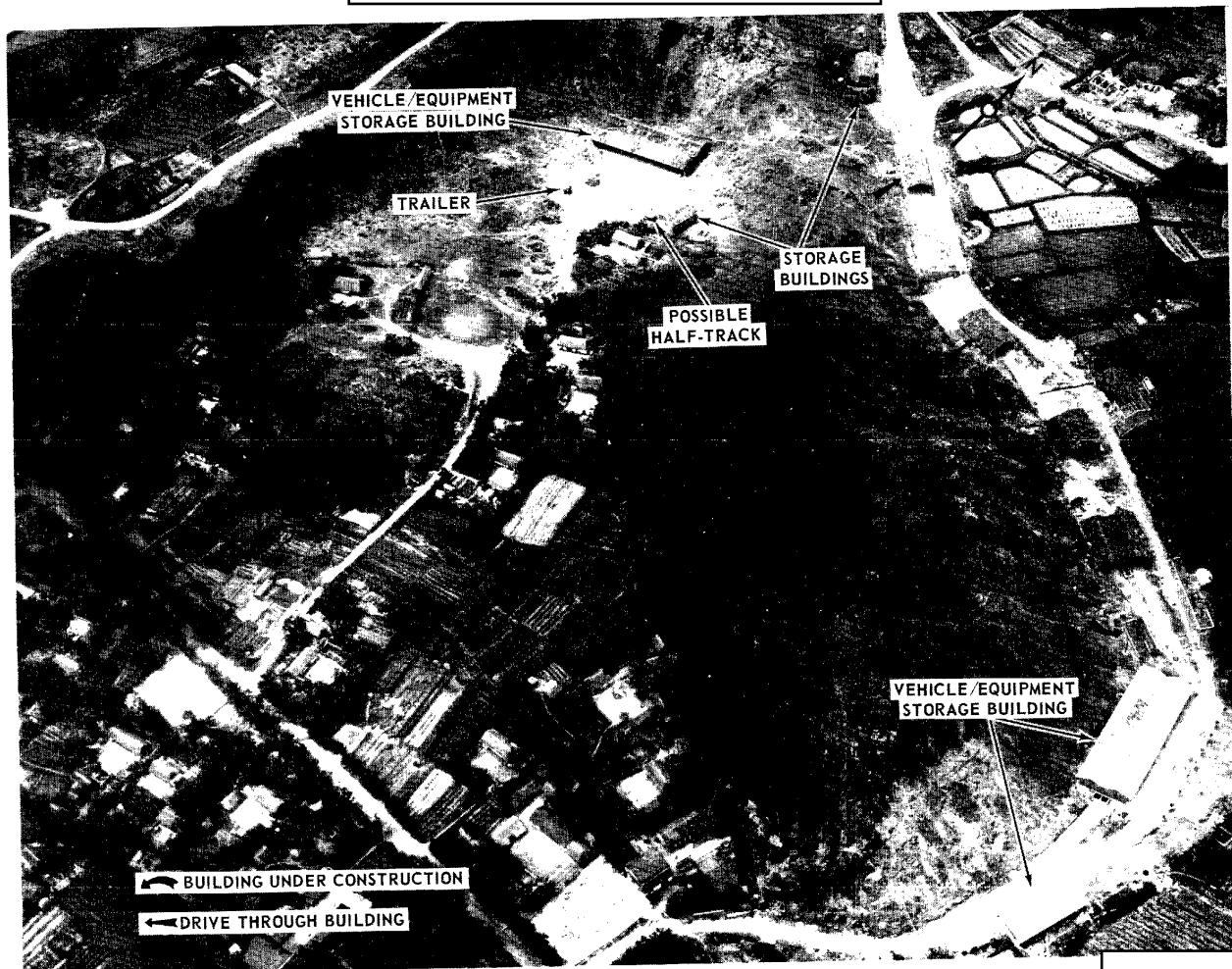
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ATTACHMENT 2



HAI PHONG SAM SUPPORT FACILITY, NORTH VIETNAM

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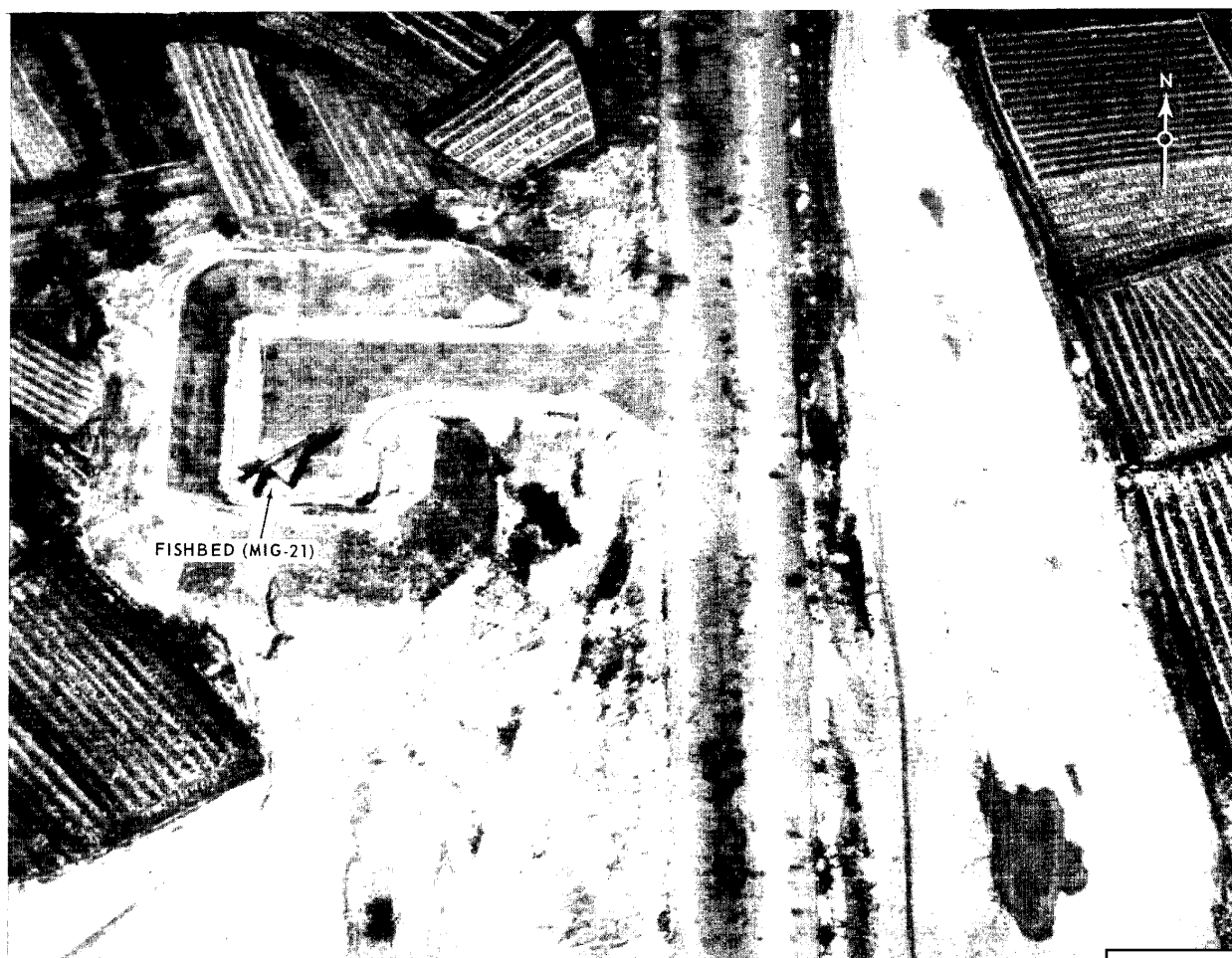


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ATTACHMENT 3



PHUOC YEN AIRFIELD, NORTH VIETNAM

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ATTACHMENT 4



PHUC YEN AIRFIELD, NORTH VIETNAM

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